1 Attorney Docket No. 84513

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3   CLASS SPECIFIC CLASSIFIER

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5   ABSTRACT OF THE DISCLOSURE

6   A modularized classifier is provided which includes a

7   plurality of class specific modules. Each module has a feature

8   calculation section, and a correction section. The modules can

9   be arranged in chains of modules where each chain is associated

10   with a class. The first module in the chain receives raw input

11   data and subsequent modules act on the features provided by the

12   previous module. The correction section acts on the previously

13   computed correction. Each chain is terminated by a probability

14   density function evaluation module. The output of the evaluation

15   module is combined with the correction value of the last module

16   in the chain. This combined output is provided to a compare

17   module that indicates the class of the raw input data.